



**United States Environmental Protection Agency
Region 9 Laboratory**

**1337 S. 46th Street Building 201
Richmond, CA 94804**

Date: 2/15/2012

Subject: Analytical Testing Results - Project R33911
SDG: 12038C

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

To: Richard Fetzer
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Extractable Petroleum Hydrocarbons by
GC/FID



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804

Phone:(510) 412-2300

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Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12038C

Reported: 02/15/12 17:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
EB02	1202017-01	Water	02/05/12 15:00	02/07/12 11:10
HW45	1202017-02	Water	02/06/12 10:28	02/07/12 11:10
HW45-P	1202017-03	Water	02/06/12 11:06	02/07/12 11:10

SDG ID 12038C

Work Order(s)

1202017



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Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
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Lab ID: 1202017-01

Water - Sampled: 02/05/12 15:00

Sample ID: EB02

Extractable Petroleum Hydrocarbons by EPA Method 8015B

TPH - Diesel Range Organics ND U 250 ug/L B2B0026 02/07/12 02/09/12 8015C/SOP385

TPH - Oil Range Organics ND U 1,000 " " " " 8015C/SOP385

Surrogate: Hexacosane

84 %

60-127%

"

"

"

Lab ID: 1202017-02

Water - Sampled: 02/06/12 10:28

Sample ID: HW45

Extractable Petroleum Hydrocarbons by EPA Method 8015B

TPH - Diesel Range Organics ND U 250 ug/L B2B0026 02/07/12 02/09/12 8015C/SOP385

TPH - Oil Range Organics ND U 1,000 " " " " 8015C/SOP385

Surrogate: Hexacosane

87 %

60-127%

"

"

"

Lab ID: 1202017-03

Water - Sampled: 02/06/12 11:06

Sample ID: HW45-P

Extractable Petroleum Hydrocarbons by EPA Method 8015B

TPH - Diesel Range Organics ND U 250 ug/L B2B0026 02/07/12 02/09/12 8015C/SOP385

TPH - Oil Range Organics ND U 1,000 " " " " 8015C/SOP385

Surrogate: Hexacosane

82 %

60-127%

"

"

"

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch B2B0026 - 3520C CLLE - TPH - Extractable

Prepared: 02/07/12 **Analyzed:** 02/09/12

Extractable Petroleum Hydrocarbons by EPA Method 8015B - Quality Control

Blank (B2B0026-BLK1)

TPH - Diesel Range Organics ND U 250 ug/L

TPH - Oil Range Organics ND U 1,000 "

Surrogate: Hexacosane

123

"

150

82

60-127

LCS (B2B0026-BS1)

TPH - Diesel Range Organics 1,200 250 ug/L 1500 80 54-115 200

Surrogate: Hexacosane

130

"

150

86

60-127

Matrix Spike (B2B0026-MS1)

Source: 1202017-02

TPH - Diesel Range Organics 1,210 250 ug/L 1480 ND 82 67-110 20

Surrogate: Hexacosane

126

"

148

85

60-127

Matrix Spike Dup (B2B0026-MSD1)

Source: 1202017-02

TPH - Diesel Range Organics 1,200 250 ug/L 1460 ND 82 67-110 1 20

Surrogate: Hexacosane

123

"

146

85

60-127



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Qualifiers and Comments

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.